PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 03VID0432W0P	FOR FURTHER ACTION as well	see Form PCT/ISA/220 Il as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP2004/011227	07/10/2004	07/10/2003
Applicant		
VIDA, Nikolaus		
This International Search Report has bee according to Article 18. A copy is being tr	n prepared by this International Searching Aut ansmitted to the International Bureau.	hority and is transmitted to the applicant
This International Search Report consists X It is also accompanied by	s of a total of6 sheets. via copy of each prior art document cited in this	report.
Basis of the report a. With regard to the language, the language in which it was filed, un	international search was carried out on the bar less otherwise indicated under this item.	sis of the international application in the
this Authority (Ru	ile 23.1(b)).	lation of the international application furnished to
b. With regard to any nucle	otide and/or amino acid sequence disclosed	in the international application, see Box No. I.
2. Certain claims were fou	nd unsearchable (See Box II).	
3. Unity of invention is lac	king (see Box III).	
4. With regard to the title,	A service of the state of the state of	
	ubmitted by the applicant. Shed by this Authority to read as follows:	•
	tion by the reading to read as removed.	
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5. With regard to the abstract,		
the text is approved as su	bmitted by the applicant.	
X the text has been establis may, within one month fro	hed, according to Rule 38.2(b), by this Authorit m the date of mailing of this international searc	y as it appears in Box No. IV. The applicant the report, submit comments to this Authority.
6. With regards to the drawings,		
	ublished with the abstract is Figure No1_	
X as suggested by t	he applicant.	
as selected by this	s Authority, because the applicant failed to sug	gest a figure.
	s Authority, because this figure better character	rizes the invention.
b none of the figures is to be	e published with the abstract.	

International application No.

INTERNATIONAL SEARCH REPORT

PCT/EP2004/011227

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The invention relates in general to surfaces along which media, e.g. gases, liquids or multi-phase mixtures are flowing, especially to a device for transportation of a flowing medium and/or for heat exchange between a flowing medium and the device and also to the application of such devices. For reducing particle deposition and ice formation on a surface along which a medium flows, the invention proposes a surface with dimples, the edges of which are rounded, thereby forming a central dimple area and at least one curvature area for each dimple, which continuously connects the dimple to the surrounding surface. The invention further proposes a layer comprising the surface, methods for producing the surface and also the application of a device provided with such surface in an air-conditioning system.

International Application No PCT/EP2004/011227

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F15D1/06 F15D1/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - F15D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS	CONSIDERED	TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Χ .	JP 11 082860 A (HIRATA JUNICHI) 26 March 1999 (1999-03-26)	1,4, 6-11,34,
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X	Further documents are listed in the co	ntinuation of box C.
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χ Patent family members are listed in annex.

- Special categories of cited documents:
- *A* document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
- 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed
- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of mailing of the international search report

Date of the actual completion of the international search

03/01/2005

23 December 2004

Authorized officer

Name and mailing address of the ISA

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Rechenmacher, M

Form PCT/ISA/210 (second sheet) (January 2004)

International Application No
PCT/EP2004/011227

C (C===)	PCT/EP2004/01		04/011227
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International Application No
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